



A.D. 1861, *9th JULY.* N° 1743.

S P E C I F I C A T I O N

OF

JOSEPH GERMAN
AND
GEORGE NEWTON BROWNE.

SHAMPOOING APPARATUS.

L O N D O N :

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A.D. 1861, 9th JULY. N° 1743.

Shampooing Apparatus.

LETTERS PATENT to Joseph German, of 32, Friar Gate, Derby, and George Newton Browne, of Kedleston Road, Derby, for the Invention of "IMPROVEMENTS IN APPARATUS TO BE USED IN SHAMPOOING."

Sealed the 31st December 1861, and dated the 9th July 1861.

PROVISIONAL SPECIFICATION left by the said Joseph German and George Newton Browne at the Office of the Commissioners of Patents, with his Petition, on the 9th July 1861.

We, JOSEPH GERMAN, of 32, Friar Gate, Derby, and GEORGE NEWTON BROWNE, 5 of Kedleston Road, Derby, do hereby declare the nature of the Invention for "IMPROVEMENTS IN APPARATUS TO BE USED IN SHAMPOOING," to be as follows:—

This Invention has for its object a mechanical apparatus to be used in shampooing. For this purpose we employ, by preference, a piece of wood of 10 an oblong or other convenient form, into the surface of which we make holes to receive one or more spheres or rollers to the depth of their semi-diameters; we then hold the spheres or rollers in the recesses by a covering piece of wood or other material, which we fix to the first piece, into which covering piece we have previously made holes corresponding in size with the spheres or 15 rollers, and sufficiently large to leave them free to revolve or turn on their own axes, and leaving a considerable portion, or nearly half of the spheres or rollers, projecting from the surface of the covering piece. We make the

German & Browne's Improvements in Apparatus to be used in Shampooing.

spheres or rollers, by preference, of wood, but they may be made of other materials, and of other suitable forms other than spheres or rollers, and of various sizes. This object may be obtained also by mounting the spheres or rollers on pins or axes in open frames, with or without a covering piece. In using the apparatus it is pressed against the surface of the body to be 5 shampooed, and by rubbing it about thereon, the motion causes the spheres or rollers to revolve, and so knead or shampoo.

SPECIFICATION in pursuance of the conditions of the Letters Patent, filed by the said Joseph German and George Newton Browne in the Great Seal Patent Office on the 9th January 1862. 10

TO ALL TO WHOM THESE PRESENTS SHALL COME, we, JOSEPH GERMAN, of 32, Friar Gate, Derby, and GEORGE NEWTON BROWNE, of Kedleston Road, Derby, send greeting.

WHEREAS Her most Excellent Majesty Queen Victoria, by Her Letters Patent, bearing date the Ninth day of July, in the year of our Lord One 15 thousand eight hundred and sixty-one, in the twenty-fifth year of Her reign, did, for Herself, Her heirs and successors, give and grant unto us, the said Joseph German and George Newton Browne, Her special licence that we, the said Joseph German and George Newton Browne, our executors, administrators, and assigns, or such others as we, the said Joseph German and 20 George Newton Browne, our executors, administrators, and assigns, should at any time agree with, and no others, from time to time and at all times thereafter during the term therein expressed, should and lawfully might make, use, exercise, and vend, within the United Kingdom of Great Britain and Ireland, the Channel Islands, and Isle of Man, an Invention for “**IMPROVE-** 25 **MENTS IN APPARATUS TO BE USED IN SHAMPOOING,**” upon the condition (amongst others) that we, the said Joseph German and George Newton Brown, our executors or administrators, by an instrument in writing under our or their hands and seals, or under the hand and seal of one of us or them, should particularly describe and ascertain the nature of the said Invention, and in 30 what manner the same was to be performed, and cause the same to be filed in the Great Seal Patent Office within six calendar months next and immediately after the date of the said Letters Patent.

NOW KNOW YE, that I, the said George Newton Browne, on behalf of myself and the said Joseph German, do hereby declare the nature of the 35 said Invention, and in what manner the same is to be performed, to be par-

German & Browne's Improvements in Apparatus to be used in Shampooing.

particularly described and ascertained in and by the following statement thereof, that is to say:—

This Invention has for its object the construction of apparatus for shampooing, and consists in combining a series of rollers which are preferred to be
5 as near as may be of a spherical form, suitably mounted in a holder or frame, in such manner that when the holder or frame is passed over and pressed towards the parts of the body or limb of a patient, the rollers may indent and roll over, and offer friction to the parts with which they are in contact, thus producing a kneading of every part of the surface of the patient over which
10 the apparatus or rubber is passed, whilst at the same time the skin of the patient will not be liable to be injured or broken. The shape of the rubber may be varied, and the number of rollers used therein may also be varied.

The Drawing annexed represents a rubber with eight spherical rollers, each free to move in any direction, they being placed in holes in the plate *a*, so as
15 to protrude through that plate, as shewn. The plate *b* fixed at the back is formed in such manner as to leave the rollers comparatively free to rotate when the rubber is moved over and pressed against the surface of the body or limb of a patient. Ordinarily we make the holder or frame *a*, *b*, of the rubber, and also the rollers of wood, but other suitable materials may be used in the
20 construction of the apparatus. The apparatus is used dry, but in case it should be desired to be used wet, vulcanite or other suitable material not injured by moisture should be employed in the construction of the apparatus. This apparatus may be used with great ease by the patient, or by another person, and the application of this description of rubber will be found more
25 convenient and advantageous than the ordinary system of shampooing.

In witness whereof, I, the said George Newton Browne, have hereunto set my hand and seal, this Fourth day of January, in the year of our Lord One thousand eight hundred and sixty-two.

GEORGE N. BROWNE. (L.S.)

LONDON:

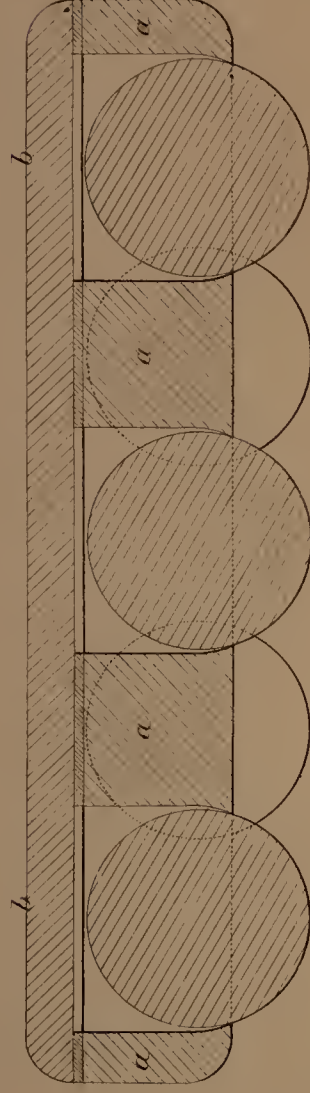
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GERMAN & BROWNE'S SPECIFICATION.

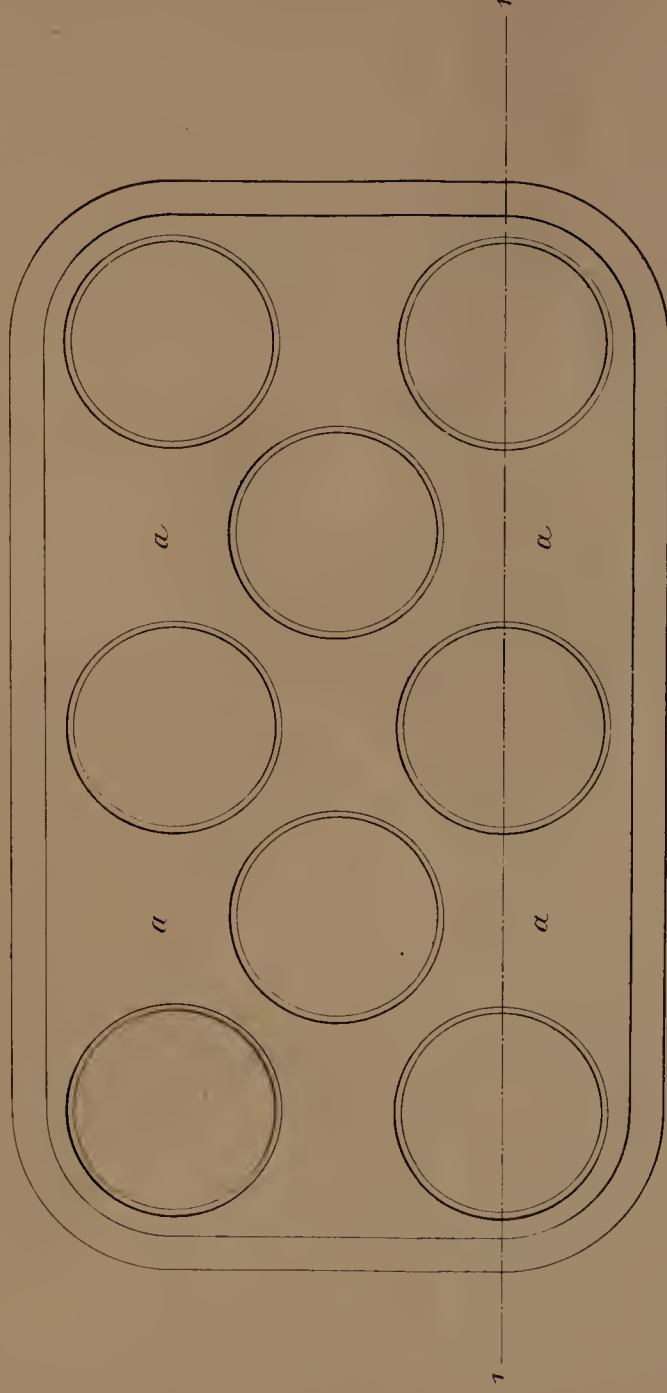
1 SHEET.

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SECTION THROUGH 1.1.



UNDERSIDE VIEW.



The filed drawing is not colored.

Drawn on Stone by Malby & Sons

